![RMS logo] **RMS** Vesta 305i

Three Channel ECG

Portable, compact with carry handle

Improved ECG diagnosis with superior quality waveform

Vesta 305i is the new improved generation 3 channel ECG, which incorporates innovative design in compact and light weight device, ideal for camps and bedside ECG diagnosis

- 12 leads simultaneous acquisition
- 5.6" colour graphical TFT display with view angle
- Printing options i.e: rhythm lead, medians, enlarge median, graphical axis, measurements and interpretation
- Qwerty soft touch keypad to enter patient and clinic information
- Axis graph and measurement in display
- PDF format data storage and transfer to USB pen drive
- Onboard LED indicator for battery status
- Digital filters to eliminate baseline drift, AC and EMG interference
- 16 types arrhythmia detection in interpretation
- 3 printing modes (light mode 4x3, conventional mode 3x1, 3x1 without median)
- Isolation protection against defibrillation
- On screen real-time clock with date
- Internal ECG data storage upto 500 patients
- Mains and battery operated

Trolley can make movability easier wherever it is needed (optional)

PDF data to USB drive	Large Memory Storage	Qwerty keypad	6 display format	Direct access keys	A4 printer* *selective hp models only*	PC interface*

Easy-to-use with advanced technologies, multiple ways for
data management as well as accurate measurement and interpretation

Portable and user-friendly design

Mobile and easy to carry with
ergonomic handle

The user-friendly interface provides several
paper-saving features like print formats and
interpretation display

Paper out indication

Built-in high resolution
thermal printer

LED Indicators of Low and
Full Battery, Charging and
AC / DC operation

Built-in recharge Li-ion battery for
safe and energy-efficient operation

Large high resolution colour TFT
with elevation for easy observation

PDF data transfer in USB drive

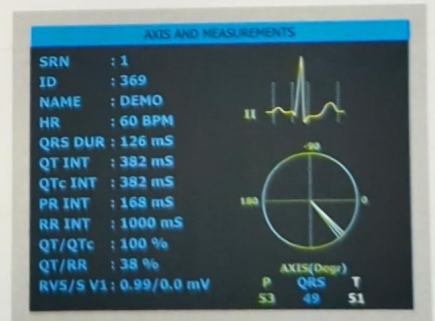Multiple shortcut keys designed
for one key operation

Internal record storage up to
500 ECG patient data

RMS Vesta 305i
ELECTROCARDIOGRAPH

Full qwerty soft touch keypad,
for quick information input

Real-time analysis and visualization
of ECG in different formats

* Direct print on A4 USB printer
in different print layouts

Various display format

6x1 format

6x2 format

AXIS AND MEASUREMENTS

SRN	: 1
ID	: 369
NAME	: DEMO
HR	: 60 BPM
QRS DUR	: 126 mS
QT INT	: 382 mS
QTc INT	: 382 mS
PR INT	: 168 mS
RR INT	: 1000 mS
QT/QTc	: 100 %
QT/RR	: 38 %
RVS/S V1	: 0.99/0.0 mV

AXIS(Degr)
P   QRS   T
53   49   51

Axis graph and Measurement

* optional

Vesta 305i - Technical Specifications

ECG

A/D Resolution	12 Bit
Lead selection	Standard 12 leads
Filters	Low pass filter: 20, 35, 100, 150 Hz
	High pass filter: 0.05, 0.10, 0.20 and 0.50 Hz
	Notch filter 50/60 Hz
Acquisition	Auto / Manual
Memory	500 Patients
Input impedance	>100 M ohm
Frequency Response	0.05 - 150 Hz
CMRR	100 dB
Time Constant	3.2 sec
Sensitivity	2.5, 5, 10, 20 mm/mV
Leakage Current	<10 micro Ampere

Display

Display Format	3 x 1, 3 x 2, 6 x 1, 6 x 2, 4 x 3, 3 +R
Graphics Display	640 x 480 pixels TFT screen (colour)
Display Size	5.6"
Touch Screen	Optional

Recording and Printing

Recorder	Thermal Printer
Paper Speed	6.25, 12.5, 25, 50 mm/sec
Recording paper	Thermo sensitive 80mm (Rolled)
Printing Labels	Patient Information Template, Leads, Calibration, Print Speed, Filter, Sensitivity
Print-out Format	a) Auto mode - 3, 3+R with medians, 3+R with medians+Axis+measurements and interpretation
	b) Manual mode - 3 channel three different lead selected from keypad
	c) Light mode - 4 x 3 lead printing

Power Supply

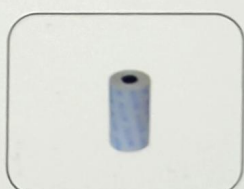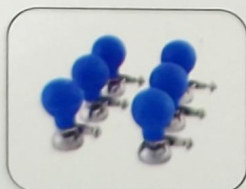|	
Input Power supply	∼ 220 - 240V, 50Hz ± 10%
Power Supply Operation	AC/DC with on / off line battery charging
Battery	⎓ 11.1V / 2600 mAh, Li-ion rechargeable
Charging Time	6 Hours

Physical

Dimensions	298 mm x 280 mm x 78 mm
Weight	1.8 Kg approx.

General

Type of Protection	Class II A
Degree of Protection	Type BF
Communication Interface	USB

Hardware and Accessories

Component	Quantity
ECG Patient Cable	01
Adaptor 19V, 3A, AC-DC	01
Power Cord	01
Fuse (1.5 A)	01
Bulb Electrode	06
Limb Electrode	04
Conducting Tube Jelly	01
Thermal Printer Roll	01
User Manual	01
USB A to B cable (optional)	01
Earthing Wire (optional)	01
PC Software (optional)	01

Since R&D is a continuous process, to make changes in product features, specifications, aesthetics and/or to discontinue the same at any time without notice or obligation